

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4965	spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:08
L2	175	1 and fluid adj4 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:33
L3	4	2 and angular adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:10
L4	8	1 and angular adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:11
L5	5	2 and wavelength adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:12
L6	45	1 and wavelength adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:12
L7	40	6 not 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:12
L8	455	1 and first adj2 molecule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:32
L9	419	8 and second adj2 molecule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:33

L10	9	9 and fluid adj4 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L11	394	9 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L12	347	11 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L13	344	12 and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L14	14	13 and metal adj2 film	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:40
L15	116	2 and protein	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:41
L16	87	15 and analyte	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:44
L17	4	16 and spectral adj2 data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:42
L18	25	16 and spectral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L19	83	16 not 17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:44

L20	62	19 not 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:15
L21	621	gold adj2 nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L22	74	21 and spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L23	66	22 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L24	59	23 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L25	12804	nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L26	303	25 and spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L27	273	26 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L28	250	27 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L29	191	28 not 24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:25

L30	191	29 and ad>="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:26
L31	191	29 and @ad>="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:26
L32	191	29 and ".ad">="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:38
L33	0	29 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:38
L34	0	29 and @py<"1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:34
L35	303	26 and ".ad">="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:38
L36	3	26 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:39
L37	850	25 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:39
L38	3	37 and spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L39	273	37 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40

L40	150	39 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L41	13	40 and spectral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
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L3	4	2 and angular adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:10
L4	8	1 and angular adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:11
L5	5	2 and wavelength adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:12
L6	45	1 and wavelength adj2 spectrum	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:12
L7	40	6 not 5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:12
L8	455	1 and first adj2 molecule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:32
L9	419	8 and second adj2 molecule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:33

L10	9	9 and fluid adj4 flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L11	394	9 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L12	347	11 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L13	344	12 and phase	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:36
L14	14	13 and metal adj2 film	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:40
L15	116	2 and protein	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:41
L16	87	15 and analyte	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:44
L17	4	16 and spectral adj2 data	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:42
L18	25	16 and spectral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L19	83	16 not 17	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 07:44

L20	62	19 not 18	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:15
L21	621	gold adj2 nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:53
L22	74	21 and spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L23	66	22 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L24	59	23 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L25	12804	nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:22
L26	303	25 and spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L27	273	26 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L28	250	27 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L29	191	28 not 24	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:25

L30	191	29 and ad>="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:26
L31	191	29 and @ad>="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:26
L32	191	29 and ".ad">="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:38
L33	0	29 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:38
L34	0	29 and @py<"1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:34
L35	303	26 and ".ad">="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:38
L36	3	26 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:39
L37	850	25 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:44
L38	3	37 and spr	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L39	273	37 and fluid	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40

L40	150	39 and flow	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L41	13	40 and spectral	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:40
L42	30	2 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:53
L43	22127	1 adn tdi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:50
L44	16	1 and tdi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:52
L45	6032	surface adj2 plasmon adj2 resonance	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:52
L46	3	45 and tdi	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:52
L47	140	45 and gold adj2 nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:53
L48	0	47 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:53
L49	526	45 and nanoparticles	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:53

L50	4	49 and @py<="1998"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/16 08:53
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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	8	((("6608682") or ("6473176") or ("6211955") or ("6249341"))).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/15 15:57

10788971_CLSTITLES

Titles of Most Frequently Occurring Classifications of Patents Returned
From A Search of 10788971 on March 11, 2005

- 43 356/445 (20 OR, 23 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/445 OF LIGHT REFLECTION (E.G., GLASS)
- 25 422/82.05 (7 OR, 18 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/68.1 .Means for analyzing liquid or solid sample
422/82.05 ..Measuring optical property by using
ultraviolet, infrared, or visible light
- 20 436/164 (2 OR, 18 XR)
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
TESTING
436/164 OPTICAL RESULT
- 19 422/82.11 (0 OR, 19 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/68.1 .Means for analyzing liquid or solid sample
422/82.05 ..Measuring optical property by using
ultraviolet, infrared, or visible light
422/82.11 ...Waveguides
- 18 435/6 (10 OR, 8 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
435/6 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
.Involving nucleic acid
- 17 436/518 (12 OR, 5 XR)
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
TESTING
436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
IMMUNOCHEMICALS
- 16 356/318 (0 OR, 16 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/300 BY DISPERSED LIGHT SPECTROSCOPY
356/311 .With sample excitation (e.g., burning)
356/317 ..By light
356/318 ...Monochromatic (e.g., laser)
- 14 385/12 (4 OR, 10 XR)
Class 385 : OPTICAL WAVEGUIDES
385/12 OPTICAL WAVEGUIDE SENSOR
- 14 435/808 (0 OR, 14 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/808 OPTICAL SENSING APPARATUS

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- 14 436/524 (0 OR, 14 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
 IMMUNOCHEMICALS
 436/524 .Carrier is inorganic
- 13 436/805 (0 OR, 13 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/805 OPTICAL PROPERTY
- 12 436/165 (1 OR, 11 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/164 OPTICAL RESULT
 436/165 .With claimed manipulation of container to
 effect reaction or use of container of claimed optical
 structure
- 12 436/525 (0 OR, 12 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
 IMMUNOCHEMICALS
 436/524 .Carrier is inorganic
 436/525 ..Metal or metal coated
- 11 422/68.1 (2 OR, 9 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 DEODORIZING, PRESERVING, OR STERILIZING
 422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
 LABORATORY DEVICE
 422/68.1 .Means for analyzing liquid or solid sample
- 11 436/527 (0 OR, 11 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
 IMMUNOCHEMICALS
 436/524 .Carrier is inorganic
 436/527 ..Glass or silica
- 10 435/288.7 (0 OR, 10 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/283.1 APPARATUS
 435/287.1 .Including measuring or testing
 435/288.7 ..Including optical measuring or testing means
- 10 435/7.1 (0 OR, 10 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
 435/7.1 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-receptor binding
 assay
- 9 435/287.1 (2 OR, 7 XR)

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- Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
- 435/283.1 APPARATUS
435/287.1 .Including measuring or testing
- 8 385/129 (2 OR, 6 XR)
Class 385 : OPTICAL WAVEGUIDES
385/129 PLANAR OPTICAL WAVEGUIDE
- 7 356/317 (0 OR, 7 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/300 BY DISPERSED LIGHT SPECTROSCOPY
356/311 .With sample excitation (e.g., burning)
356/317 ..By light
- 6 385/130 (0 OR, 6 XR)
Class 385 : OPTICAL WAVEGUIDES
385/129 PLANAR OPTICAL WAVEGUIDE
385/130 .Thin film optical waveguide
- 6 422/55 (0 OR, 6 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/55 .Structured visual or optical indicator, per se
- 6 422/57 (1 OR, 5 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/55 .Structured visual or optical indicator, per se
422/57 ..Having coated reagent
- 6 435/287.2 (0 OR, 6 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/283.1 APPARATUS
435/287.1 .Including measuring or testing
435/287.2 ..Measuring or testing for antibody or nucleic
acid, or measuring or testing using antibody or nucleic
acid
- 6 435/287.9 (0 OR, 6 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/283.1 APPARATUS
435/287.1 .Including measuring or testing
435/287.9 ..Including a coated reagent or sample layer
- 6 435/4 (1 OR, 5 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
- 6 435/7.92 (1 OR, 5 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

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- 435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP
- THEREFORE;
- 435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
.Involving antigen-antibody binding, specific
binding protein assay or specific ligand-receptor
binding assay
- 435/7.9 ..Assay in which an enzyme present is a label
- 435/7.92 ...Heterogeneous or solid phase assay system
(e.g., ELISA, etc.)
- 5 422/82.09 (1 OR, 4 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/68.1 .Means for analyzing liquid or solid sample
422/82.05 ..Measuring optical property by using
ultraviolet, infrared, or visible light
422/82.09 ...Absorbance or transmittance
- 5 436/528 (0 OR, 5 XR)
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
TESTING
436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
IMMUNOCHEMICALS
436/528 .Carrier is organic
- 5 536/24.3 (0 OR, 5 XR)
Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
532-570 SERIES
536/1.11 .Carbohydrates or derivatives
536/18.7 ..Nitrogen containing
536/22.1 ...N-glycosides, polymers thereof, metal
derivatives (e.g., nucleic acids, oligonucleotides,
etc.)
- 536/23.1DNA or RNA fragments or modified forms
thereof (e.g., genes, etc.)
536/24.3Probes for detection of specific
nucleotide sequences or primers for the synthesis of DNA
or
RNA
- 4 204/403.01 (1 OR, 3 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/193 APPARATUS
204/194 .Electrolytic
204/400 ..Analysis and testing
204/403.01 ...Biological material (e.g., microbe, enzyme,
antigen, etc.) analyzed, tested, or included in apparatus
- 4 356/246 (1 OR, 3 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/244 SAMPLE, SPECIMEN, OR STANDARD HOLDER OR SUPPORT
(E.G., PLATES OR SLIDES)
356/246 .Fluid containers (e.g., cells or cuvettes)
- 4 422/58 (0 OR, 4 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,

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- 422/50 DEODORIZING, PRESERVING, OR STERILIZING
ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
- 422/55 .Structured visual or optical indicator, per se
- 422/58 ..In holder or container having special form
- 4 422/82.08 (0 OR, 4 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/68.1 .Means for analyzing liquid or solid sample
422/82.05 ..Measuring optical property by using
ultraviolet, infrared, or visible light
422/82.08 ...Fluorescence
- 4 435/5 (3 OR, 1 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP THEREFORE;
435/5 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
.Involving virus or bacteriophage
- 4 436/529 (0 OR, 4 XR)
Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
TESTING
436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
IMMUNOCHEMICALS
436/528 .Carrier is organic
436/529 ..Polysaccharide, carrier (e.g., dextran, etc.)
- 3 204/400 (0 OR, 3 XR)
Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
204/193 APPARATUS
204/194 .Electrolytic
204/400 ..Analysis and testing
- 3 356/128 (2 OR, 1 XR)
Class 356 : OPTICS: MEASURING AND TESTING
356/128 REFRACTION TESTING (E.G., REFRACTOMETERS)
- 3 385/141 (0 OR, 3 XR)
Class 385 : OPTICAL WAVEGUIDES
385/141 HAVING PARTICULAR OPTICAL CHARACTERISTIC
MODIFYING CHEMICAL COMPOSITION
- 3 422/100 (0 OR, 3 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING
422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/99 .Miscellaneous laboratory apparatus and
elements, per se
422/100 ..Pipette or other volumetric fluid transfer
means
- 3 422/82.01 (0 OR, 3 XR)
Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
DEODORIZING, PRESERVING, OR STERILIZING

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422/50 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
LABORATORY DEVICE
422/68.1 .Means for analyzing liquid or solid sample
422/82.01 ..Measuring electrical property

3 435/176 (0 OR, 3 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/174 CARRIER-BOUND OR IMMOBILIZED ENZYME OR
MICROBIAL CELL; CARRIER-BOUND OR IMMOBILIZED CELL;
PREPARATION THEREOF
435/176 .Enzyme or microbial cell is immobilized on or
in an inorganic carrier

3 435/7.2 (1 OR, 2 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;
435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
.Involving antigen-antibody binding, specific
binding binding protein assay or specific ligand-receptor
assay
435/7.2 ..Involving a micro-organism or cell membrane
bound antigen or cell membrane bound receptor or cell
membrane bound antibody or microbial lysate

3 435/7.93 (0 OR, 3 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;
435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
.Involving antigen-antibody binding, specific
binding binding protein assay or specific ligand-receptor
assay
435/7.9 ..Assay in which an enzyme present is a label
435/7.92 ...Heterogeneous or solid phase assay system
(e.g., ELISA, etc.)
435/7.93Competitive assay

3 435/91.2 (0 OR, 3 XR)
Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME
USING PROCESS TO SYNTHESIZE A DESIRED CHEMICAL

COMPOUND OR
COMPOSITION
435/72 .Preparing compound containing saccharide
radical
435/84 ..Preparing nitrogen-containing saccharide
435/85 ...N-glycoside
435/89Nucleotide
435/91.1Polynucleotide (e.g., nucleic acid,
oligonucleotide, etc.)
435/91.2Acellular exponential or geometric
amplification (e.g., PCR, etc.)

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- 3 436/501 (0 OR, 3 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/501 BIOSPECIFIC LIGAND BINDING ASSAY
- 3 436/532 (0 OR, 3 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/518 INVOLVING AN INSOLUBLE CARRIER FOR IMMOBILIZING
 IMMUNOCHEMICALS
 436/528 .Carrier is organic
 436/531 ..Carrier is synthetic resin
 436/532 ...Antigen or antibody attached to a carrier
 via bridging agent
- 3 436/807 (0 OR, 3 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/807 APPARATUS INCLUDED IN PROCESS CLAIM (E.G.,
 PHYSICAL SUPPORT STRUCTURES, ETC.)
- 2 204/228.1 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/228.1 ..With current, voltage, or power control means
 responsive to sensed condition
- 2 204/229.8 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/229.8 ..With means for measuring, testing, or sensing
 current, voltage, or power
- 2 204/230.2 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/230.2 ..With current, voltage, or power control means
- 2 204/403.06 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/400 ..Analysis and testing
 204/403.01 ...Biological material (e.g., microbe, enzyme,
 antigen, etc.) analyzed, tested, or included in
 apparatus
 204/403.06With semipermeable membrane
- 2 204/406 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/400 ..Analysis and testing
 204/406 ...With significant electrical circuitry or
 nominal computer device
- 2 204/407 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY

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- 204/193 APPARATUS
 204/194 .Electrolytic
 204/400 ..Analysis and testing
 204/407 ...With significant display or analytical device
- 2 204/409 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/400 ..Analysis and testing
 204/409 ...With means providing specified-flow condition or flow-path
- 2 204/422 (0 OR, 2 XR)
 Class 204 : CHEMISTRY: ELECTRICAL AND WAVE ENERGY
 204/193 APPARATUS
 204/194 .Electrolytic
 204/400 ..Analysis and testing
 204/421 ...Solid electrolyte
 204/422Liquid sample sensor
- 2 210/511 (0 OR, 2 XR)
 Class 210 : LIQUID PURIFICATION OR SEPARATION
 210/511 LIQUID AS SEPARATING MEDIUM
- 2 210/656 (0 OR, 2 XR)
 Class 210 : LIQUID PURIFICATION OR SEPARATION
 210/600 PROCESSES
 210/656 .Chromatography
- 2 210/691 (0 OR, 2 XR)
 Class 210 : LIQUID PURIFICATION OR SEPARATION
 210/600 PROCESSES
 210/660 .Ion exchange or selective sorption
 210/690 ..Sorbing organic constituent
 210/691 ...From aqueous material
- 2 250/225 (1 OR, 1 XR)
 Class 250 : RADIANT ENERGY
 250/200 PHOTOCELLS; CIRCUITS AND APPARATUS
 250/216 .Optical or pre-photocell system
 250/225 ..Polarizing
- 2 349/1 (0 OR, 2 XR)
 Class 349 : LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS
 349/1 LIQUID CRYSTAL SYSTEM
- 2 349/2 (0 OR, 2 XR)
 Class 349 : LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS
 349/1 LIQUID CRYSTAL SYSTEM
 349/2 .Liquid crystal for recording or imaging on photosensitive medium
- 2 349/33 (0 OR, 2 XR)
 Class 349 : LIQUID CRYSTAL CELLS, ELEMENTS AND SYSTEMS
 349/19 PARTICULAR EXCITATION OF LIQUID CRYSTAL
 349/33 .Electrical excitation of liquid crystal (i.e., particular voltage pulses, AC vs. DC, threshold voltages, etc.)
- 2 356/336 (0 OR, 2 XR)
 Class 356 : OPTICS: MEASURING AND TESTING

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356/335 FOR SIZE OF PARTICLES
 356/336 .By particle light scattering

2 356/446 (0 OR, 2 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/445 OF LIGHT REFLECTION (E.G., GLASS)
 356/446 .With diffusion

2 356/630 (1 OR, 1 XR)
 Class 356 : OPTICS: MEASURING AND TESTING
 356/625 DIMENSION
 356/630 .Thickness

2 385/11 (0 OR, 2 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/11 POLARIZATION WITHOUT MODULATION

2 385/131 (0 OR, 2 XR)
 Class 385 : OPTICAL WAVEGUIDES
 385/129 PLANAR OPTICAL WAVEGUIDE
 385/130 .Thin film optical waveguide
 385/131 ..Multilayer structure (mixture)

2 422/63 (0 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 422/50 DEODORIZING, PRESERVING, OR STERILIZING
 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
 422/63 LABORATORY DEVICE
 .Sample mechanical transport means in or for
 automated analytical system

2 422/66 (0 OR, 2 XR)
 Class 422 : CHEMICAL APPARATUS AND PROCESS DISINFECTING,
 422/50 DEODORIZING, PRESERVING, OR STERILIZING
 ANALYZER, STRUCTURED INDICATOR, OR MANIPULATIVE
 422/63 LABORATORY DEVICE
 .Sample mechanical transport means in or for
 422/66 automated analytical system
 ..Means is moving tape or band

2 435/110 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/41 MICRO-ORGANISM, TISSUE CELL CULTURE OR ENZYME
 USING PROCESS TO SYNTHESIZE A DESIRED CHEMICAL COMPOUND

OR

COMPOSITION
 435/106 .Preparing alpha or beta amino acid or
 substituted amino acid or salts thereof
 435/110 ..Glutamic acid; glutamine

2 435/174 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/174 CARRIER-BOUND OR IMMOBILIZED ENZYME OR
 MICROBIAL CELL; CARRIER-BOUND OR IMMOBILIZED CELL;
 PREPARATION THEREOF

2 435/287.8 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/283.1 APPARATUS
 435/287.1 .Including measuring or testing

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435/287.7 ..Including bibulous or absorbent layer
 435/287.8 ...Including multiple, stacked layers

2 435/320.1 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY
 435/320.1 VECTOR, PER SE (E.G., PLASMID, HYBRID PLASMID,
 COSMID, VIRAL VECTOR, BACTERIOPHAGE VECTOR, ETC.)
 BACTERIOPHAGE VECTOR, ETC.)

2 435/7.5 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-receptor

binding

435/7.5 assay
 ..Involving avidin-biotin binding

2 435/7.9 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-receptor

binding

435/7.9 assay
 ..Assay in which an enzyme present is a label

2 435/7.94 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-receptor

binding

435/7.9 assay
 ..Assay in which an enzyme present is a label

435/7.92 ...Heterogeneous or solid phase assay system
 (e.g., ELISA, etc.)

435/7.94Sandwich assay

2 435/7.95 (0 OR, 2 XR)
 Class 435 : CHEMISTRY: MOLECULAR BIOLOGY AND MICROBIOLOGY

435/4 MEASURING OR TESTING PROCESS INVOLVING ENZYMES
 OR MICRO-ORGANISMS; COMPOSITION OR TEST STRIP

THEREFORE;

435/7.1 PROCESSES OF FORMING SUCH COMPOSITION OR TEST STRIP
 .Involving antigen-antibody binding, specific
 binding protein assay or specific ligand-receptor

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binding

- 435/7.9 assay
 ..Assay in which an enzyme present is a label
 435/7.92 ..Heterogeneous or solid phase assay system
 (e.g., ELISA, etc.)
 435/7.95 Indirect assay
- 2 436/172 (0 OR, 2 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/164 OPTICAL RESULT
 436/172 .With fluorescence or luminescence
- 2 436/52 (1 OR, 1 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/43 AUTOMATED CHEMICAL ANALYSIS
 436/52 .With a continuously flowing sample or carrier
 stream
- 2 436/536 (0 OR, 2 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/536 INVOLVING IMMUNE COMPLEX FORMED IN LIQUID PHASE
- 2 436/86 (0 OR, 2 XR)
 Class 436 : CHEMISTRY: ANALYTICAL AND IMMUNOLOGICAL
 TESTING
 436/86 PEPTIDE, PROTEIN OR AMINO ACID
- 2 530/345 (0 OR, 2 XR)
 Class 530 : CHEMISTRY: NATURAL RESINS OR DERIVATIVES;
 PEPTIDES OR PROTEINS; LIGNINS OR REACTION PRODUCTS
 THEREOF
 530/300 PEPTIDES OF 3 TO 100 AMINO ACID RESIDUES
 530/345 .Chemical aftertreatment, e.g., acylation,
 methylation, etc.
- 2 536/22.1 (0 OR, 2 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES
 536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 derivatives (e.g., nucleic acids, oligonucleotides, etc.)
- 2 536/23.1 (0 OR, 2 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS
 532-570 SERIES
 536/1.11 .Carbohydrates or derivatives
 536/18.7 ..Nitrogen containing
 536/22.1 ...N-glycosides, polymers thereof, metal
 derivatives (e.g., nucleic acids, oligonucleotides,
 etc.)
- 536/23.1 DNA or RNA fragments or modified forms
 thereof (e.g., genes, etc.)
- 2 536/25.4 (0 OR, 2 XR)
 Class 536 : ORGANIC COMPOUNDS -- PART OF THE CLASS

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532-570 SERIES

536/1.11

.Carbohydrates or derivatives

536/18.7

..Nitrogen containing

536/22.1

...N-glycosides, polymers thereof, metal
derivatives (e.g., nucleic acids, oligonucleotides,

etc.)

536/25.4

....Separation or purification of
polynucleotides or oligonucleotides